

## 97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	微積分G1	Serial No. / ID	1626 / CDC1951
Dept.	共同教學中心	School System / Class	大學日間部4年3班
Lecturer	蕭鴻貴	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(一)5 / B501 (二)78 / B501	Language	Chinese

### Introduction

Calculus is a subject of differentiation and integration. This course covers limits, differentiation, integration, and their applications. The goal is to establish students the fundamental notion in Calculus with the ability of analysis, and to train students with the techniques of calculating.

### Outline

1. Functions and Limits
2. Derivatives
3. Applications of Differentiation
4. Integration
5. Applications of Integration

### Prerequisite

Elementary Geometry and Algebra.